

What is claimed is:

1. An electrostatic circuit for a sole having an outsole, an insole and a midsole positioned between the insole and outsole, said electrostatic circuit comprising:
  - a first substrate having a first end and a second end;
  - at least one conductor path attached to said first substrate, each said conductor path having a first exposed end adjacent said first end of said first substrate and being attachable to the outsole and a second exposed end adjacent said second end of said substrate and attachable to the insole; and
  - at least one resistor electrically coupled to each said conductor path and mounted to said first substrate.